HAKO

E-Z ESTIMATOR

Use these instructions to estimate the amount of material needed to install your new

HAKO *Vinylflex* and *Asphalt Tile* FLOORS

SINCE 1903

HACHMEISTER-INC.

General Offices: Pittsburgh 30, Pa.

Plants: Newburgh, N.Y.— Joliet, Ill.— Long Beach, Calif.

INSTALL YOUR OWN FLOO

WILL SHOW YOU HOW MUCH

HOW TO MEASURE . . .

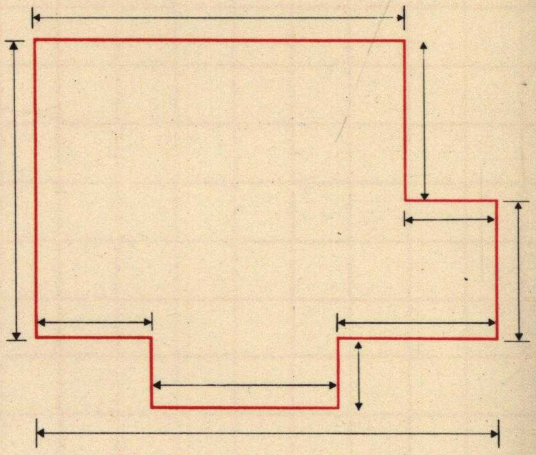
Use a good carpenter's rule or other accurate measuring device, measuring *all walls* from corner to corner. Measure each alcove or jog separately. Extend all measurements to the next full foot, thus: 15 feet, 9 inches count as 16 feet.

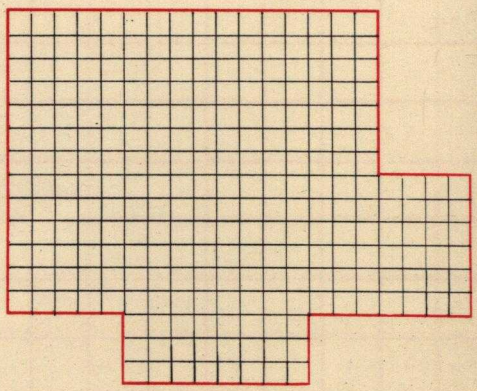
Now draw an outline diagram of your room on the graph printed on pages 4 and 5 of this folder. Be sure you count all fractions of feet as full feet.

Then count carefully the number of squares in this drawing of your room. The total of squares is the number of square feet you want to cover.

To determine the quantity of tile to buy, see the handy table showing square footage and number of tiles required, on page 3.

EXAMPLE: The room on the right would look like this when outlined on the graph on pages 4 and 5.





THE *Easy Way* TO DURABLE, COLORFUL

R . . . THIS E-Z ESTIMATOR

HAKO FLOOR Tile IS NEEDED

HOW TO ESTIMATE . . .

Our example room on page 2 contains 256 square feet of floor space. Using the HAKO Floor Tile CONVERSION TABLE NO. 1, pictured below, we find that 200 square feet call for 356 tiles; 50 square feet call for 89 tiles and six square feet call for 11 tiles. Added together, 456 tiles are needed for 256 square feet. To this total we must add 5% (23 additional tiles in this case) for cutting waste and extra tile for possible replacement. This brings the total number of tiles needed for 256 square feet to 479 tiles.

BUYING TILE BY THE CARTON

We may purchase the exact number of tiles we need or we may prefer to buy by even cartons. To determine number of cartons needed, we can add 5% of our square footage and use HAKO Floor Tile CONVERSION TABLE NO. 2, or, we can divide the total number of tiles needed by 80, as there are exactly 80 pieces of 9" x 9" x ⅛" tile in each carton. As 80 goes into 479 almost exactly 6 times we find we will need six cartons of tile in the square footage in our example room.

Let us take another example and use both conversion tables. Suppose you find that your room contains 427 square feet. Using the HAKO Floor Tile CONVERSION TABLE NO. 1, we find that 427 square feet requires 761 tiles to which we must add 5% for a total of 799 tiles. Using HAKO Floor Tile CONVERSION TABLE NO. 2, we start with the same 427 square feet to which we add 5% for a total of 499 square feet. A glance at Table No. 2 shows us we need 10 cartons of tile for this square footage.

If your floor is to contain more than one color tile, compute the relative quantities needed of each color, such as 1 black to 1 white (½ of each); 2 black to one whilte (⅔ of black, ⅓ of white) and so on. Buy the proportion of total needed for each color. If your pattern is more complicated than can be computed in this way, ask your dealer for assistance.

HAKO Floor Tile
CONVERSION TABLE #1
SHOWS TILES NEEDED FOR ANY SQ. FOOTAGE

Sq. Ft.	Tiles	Sq. Ft.	Tiles	Sq. Ft.	Tiles
1	2	10	18	100	178
2	4	20	36	200	356
3	6	30	54	300	534
4	8	40	72	400	712
5	9	50	89	500	890
6	11	60	107	600	1068
7	13	70	125	700	1246
8	15	80	143	800	1424
9	16	90	160	900	1600

HAKO Floor Tile
CONVERSION TABLE #2
SHOWS CARTONS NEEDED FOR SQUARE FOOTAGES SPECIFIED

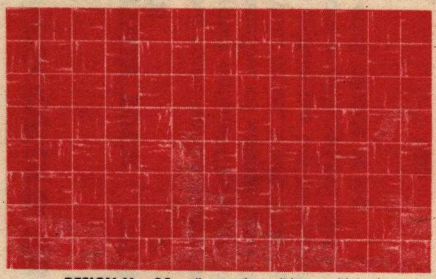
Sq. Ft.	Cartons
45	1
90	2
135	3
180	4
225	5
270	6
315	7
360	8
405	9
450	10
495	11
540	12
585	13
630	14
675	15
720	16
765	17
810	18
855	19
900	20

For pattern ideas, see the back cover of this folder.

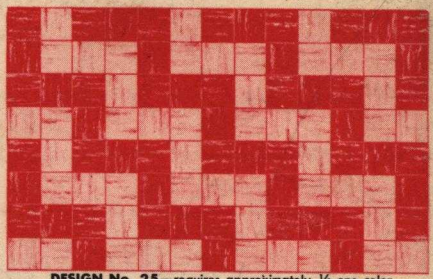
FLOORS WITH HAKO Vinyflex and Asphalt Tile

These and Many Other **BEAUTIFUL FLOOR DESIGNS**

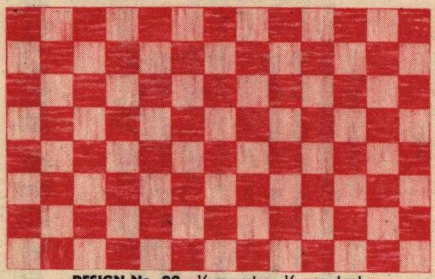
Are Possible with HAKO *Vinylflex* **FLOORING**
and *Asphalt Tile*



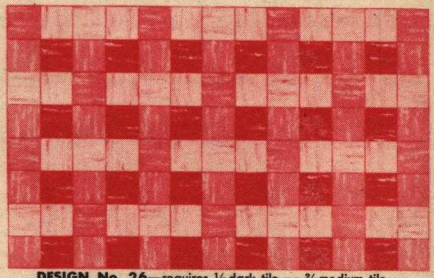
DESIGN No. 21—all one color, solid or marbleized
Monotone



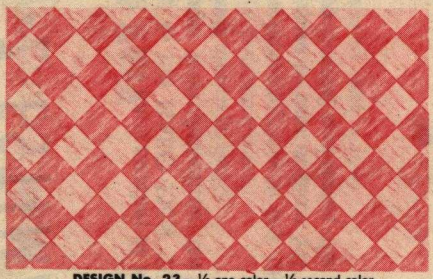
DESIGN No. 25—requires approximately ½ one color
Modern Diagonal and ½ second color



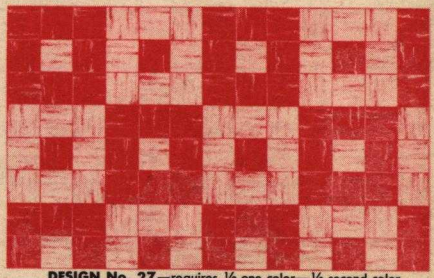
DESIGN No. 22—½ one color—½ second color
Checkerboard



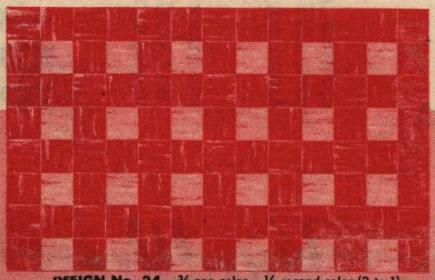
DESIGN No. 26—requires ⅓ dark tile — ⅓ medium tile —
Basketweave ⅓ light tile (1-2-2)



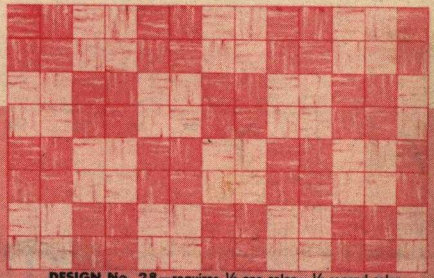
DESIGN No. 23—½ one color—½ second color
Diagonal



DESIGN No. 27—requires ½ one color—½ second color
Hollow Square



DESIGN No. 24—¾ one color—¼ second color (3 to 1)
Spot Pattern (one row solid—next row alternating)



DESIGN No. 28—requires ½ one color—½ second color
Quadruple Checkerboard

Ask Your Dealer For Additional Suggestions

HERE'S HOW EASILY YOU CAN PLOT YOUR FLOOR PLAN WITH HAKO MODERN FLOORING USING THE HAKO E-Z ESTIMATOR

1 DRAW AN OUTLINE OF YOUR ROOM ON THE GRAPH

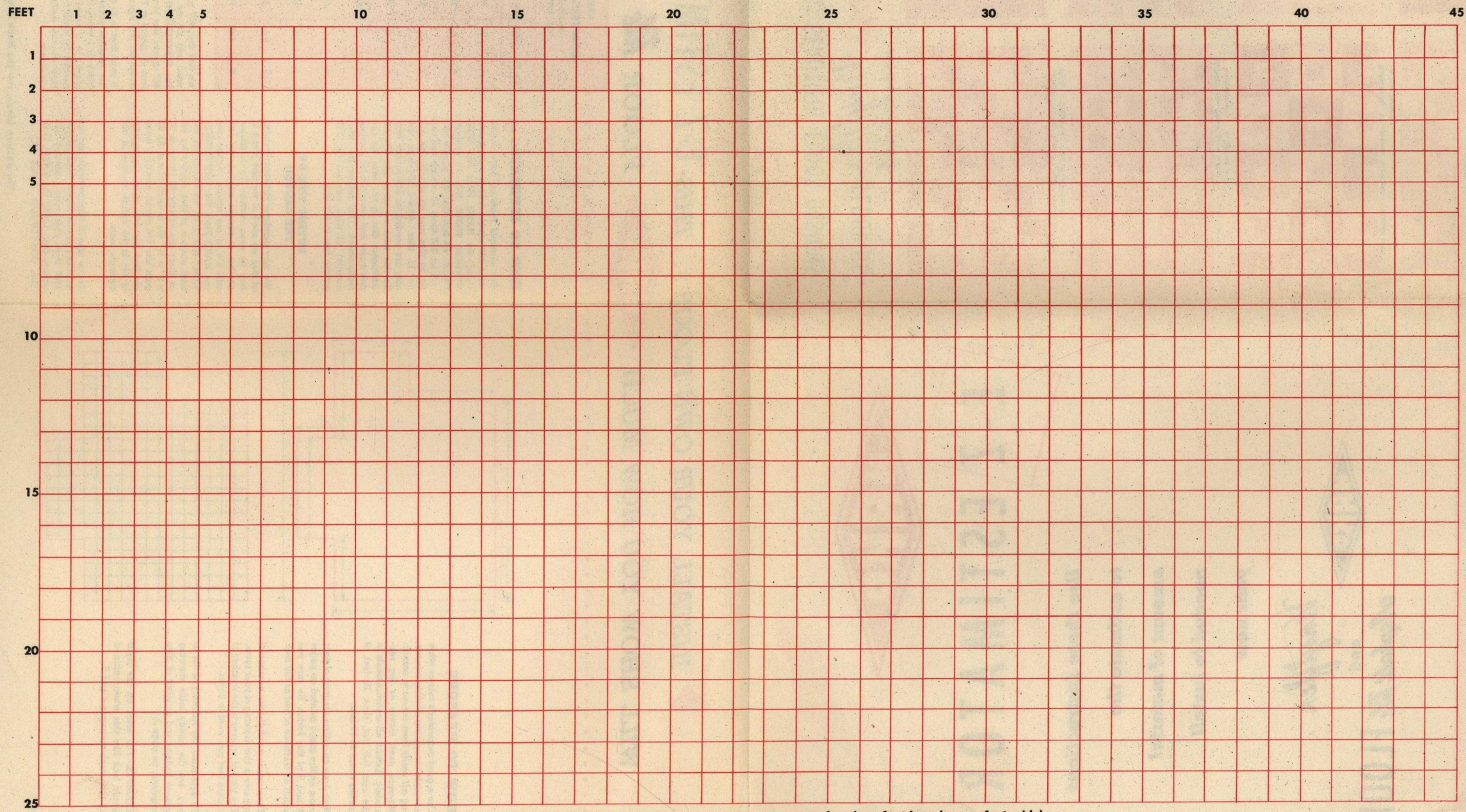
Each square in the graph below equals one square foot of floor space in your room. You have measured your room and have extended all partial feet to the next full foot. So you will draw your room in even feet. If possible, draw your room so that two walls meet at right angles with the upper left hand corner. Note that our sample room on page 2 would fit the graph best in this way.

2 COUNT THE SQUARES WITHIN YOUR ROOM OUTLINE

After you have made an outline of your room on the graph below, count the squares within your room outline. The total number of squares equals the total number of square feet you will need to cover. You can check your count, if you wish by multiplying the number of squares across the top by the number down the side of any main square or oblong area and then adding the number of squares in each alcove or jog.

When you have arrived at the total number of square feet in your room, refer again to the HAKO Floor Tile CONVERSION CHARTS on page 2 to determine the quantity of HAKO Floor Tile you will need.

Remember, it is always better to have a few tiles too many than not enough so be sure to add at least 5% to your total requirements for cutting waste and extra tile for possible replacement.



Scale = each square foot on this drawing represents one square foot (one foot long by one foot wide)

THE Easy Way TO DURABLE, COLORFUL FLOORS WITH HAKO Vinyflex and Asphalt Tile

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